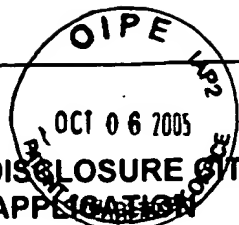


FORM PTO-1449



INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)
81784.0014Application Number
09/447,378

Applicant

NISHIKAWA, et al.

Filing Date

November 23, 1999

Group Art Unit

2871

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ZRR	5,995,176 (corresponding Japanese Pub. 08-43833 & Korean Pub. 1996-8386)	11/30/99	SIBAHARA			
↓	5,648,828	07/15/97	SAKAMOTO, et al.			
↓	6,661,488 (corresponding Japanese Pub. 11-242225)	12/09/03	TAKEDA, et al.			
↓	6,724,452 (corresponding Japanese Pub. 11-242225)	04/20/04	TAKEDA, et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
ZRR	09-152583	06/10/97	JAPAN			Abstract & English Excerpt	
↓	09-258266	10/03/97	JAPAN			Abstract	
↓	1996-0008386 (corresponding Japanese Pub. 08-43833 & U.S. Patent No. 5,995,176)	03/22/96	KO				X
↓	08-43833 (corresponding U.S. Patent No. 5,995,176 & Korean Pub. 1996-8386)	02/16/96	JAPAN			Abstract	
↓	11-242225 (corresponding U.S. Patent Nos. 6,661,488 and 6,724,452)	09/07/99	JAPAN				X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Mike Q.

DATE CONSIDERED

11-21-05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.